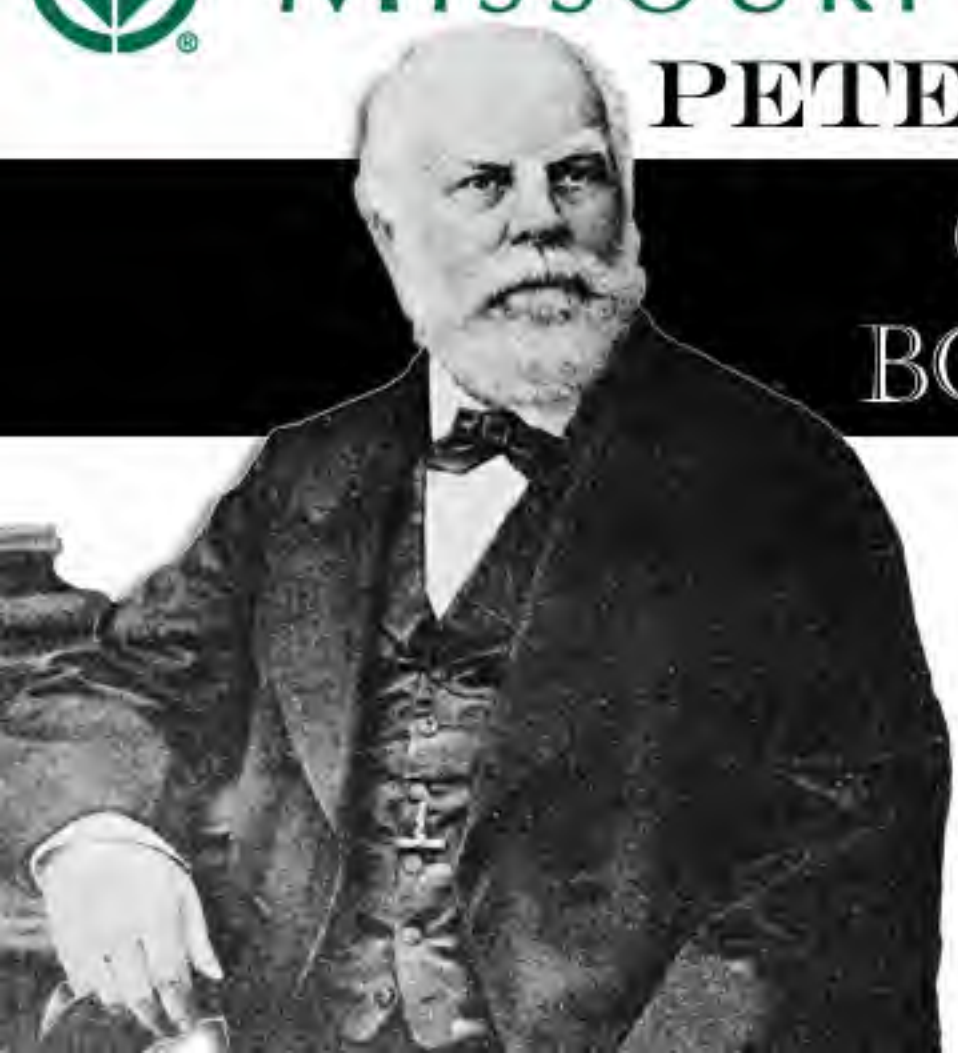
MISSOURI BO

PETER H

GEO

BOTA



Sinc

page

onlin

nu

147

24

Euph. villosa Thunb.

3744.5

7100

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
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MISSOURI BOTANICAL GARDEN

34. E. villifera

annua erecta pentag.
~~villo~~ petal pilosa
foliis ellipt. obtus. subtus
ovatis obtusis dentic.
pennis obtusis, rotato
inclusis, pappo
pluriseriali, setis
pl. 10-12 SLi. subulatis deciduis,
receptac. alv. longe
cupul. globos.
achen fusc. ala. 2. 20.
oblong
stigm. globosis
sty. pateriu. 4-ram. ult.
med. fusiformi
corpo ~~achen~~ obtus
Sem. globos. 0.65 x 0.35.

0 1 2 3 4 5 6 7 8 9 10
cm
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Aug 674

Zea subglobose, angles

0.4 or 0.45 long 0.35

~~Stone~~ Thick ~~—~~ integument

tuberculate or rib[illegible] (or

(pericarp) ~~—~~ persistent

~~removed~~ —

coat of capsule globose

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1017

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34
98

E. platyrrha var. villif.

0.45

capsule

Zeen ovta ant angel. truncs
integrum margines
seed a Gitle swollen th ⌒
Endosperm, ch whole
pleurog. shiloc.

pol sympt globose
subbs fraise pilosi.

---

Vars micros prem

Zeen. 0.4 or less

short brute appress hl

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7102 AC

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148 a. 61 E. radio longo Ann. 27/11

E. filiformis n. sp.

foem. nana, pumila — glaucescens
pilis articulatis subhirsuta,
dein glabrata pilosis
foliis obl.-ovatis parce serrato-
infra medium angustatis
integris glabris subtus
paniculae foliosae laxiflorae
capitulis multis appendiculat
(unciales) clavatis,
(rarius globosis
flores violacei subcylindrici
corollae tubo

Cerro de Pinal, Mexico
Seemann 1522

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149

6.6

Euph. reclinatoroides HBK

Cuba Humboldt
— Poeppig

547-8

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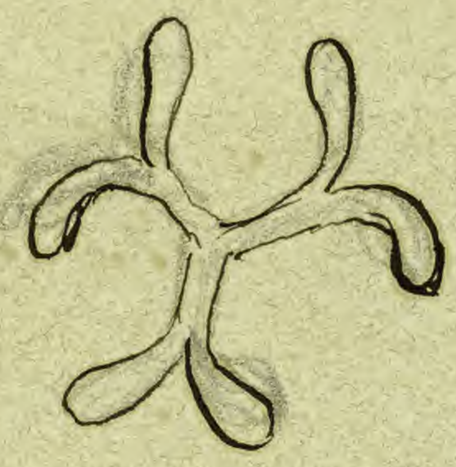
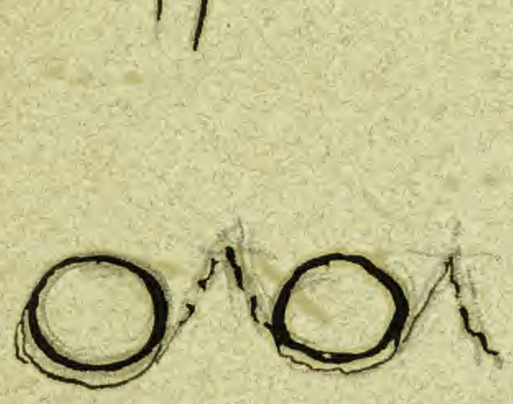
G. 7.

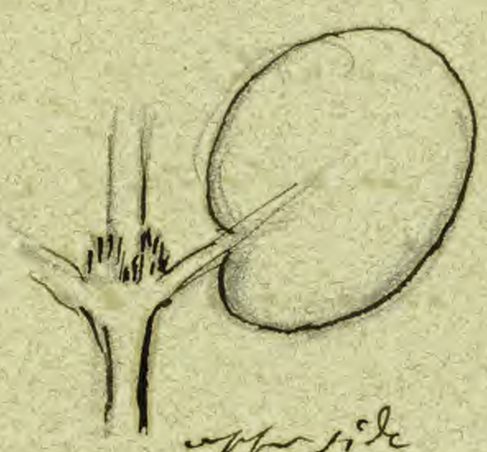
Euph. centunculoides Kunth

Havana

Humb & B







upper side

lower side

glaberrima diffusa

foliis obovatis subcuneatis, obtusissimis
integris, coriaceis, margine
fere revolutis integris.
stipulis abbreviatis, ~~[illegible]~~ reliatis
connato
involucris subsingulis ovatis. Glandulis
magnis angustissima apice subulatis
duplo triangulo longis
stylis 6 infra medium connatis
stigmatibus, capitatis subbifidis.

Semen?

Looks very much like a form of serpens
Linn. Willd in Herb

7105

Very rare. S. serpens, and
perhaps not sufficiently distinct
from S.; Rhodacna more
terminal; larger, leaves
more obtuse (often)
send much thanks & prosper

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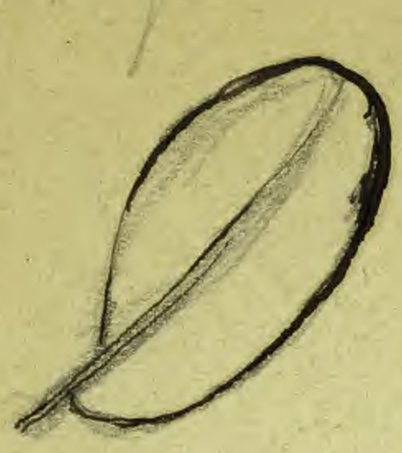

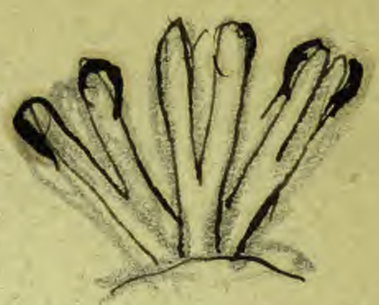

0.35

an upper Calf, not oval

" Eupk. rentumoulosa H.B.K "

in maritimis Cubae Poeppig

frutesculosa? diffusa, tenella, glaberrima, foliis ovatis obtusis basi obliquis margine integerrimis (S. tenuiter obtuseque crenatis? a mistake!)

stipulis lanceolatis acutis integris

antheris sub strictura involucrum trochleatis (de longis) glandulis angustis appendiculatis

lobis obtusis intus villosis. stylis

stylis ovario brevioribus crassis

profunde bifidis; ad angulos obtusum

capsula acute angulata

seminibus c. 35 li longis, ovatis

acute angulatis testa tuberculata? - undulata?

nec polygona?? or tessellata? ruffs

over

7106

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very rare

leaves probably only the upper most
& very oblique — ocellation
only apparent!

Mor 17

Poppy's & Drosera spec
seem decidedly erect

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ART, [illegible] of his taking his place at the head of the Government, he was to be executed without any show of mercy. Thus it has been for a week or ten days—*frod* and "revolution" one day, and "revolution and *frod*" the next, until we fear the gentlemen have altogether overtasked themselves, and will find neither courage nor stomach for the patriotic duty which they have imposed upon themselves. As, however, STEWART is elected, we shall keep a bright look-out for the "revolution," and tell the people where and when it is likely to commence. Come, who'll begin this "revolution?" Gentlemen of the Black Republican and Know-Nothing parties, don't all speak at once!

---

HEAVEN BROUGHT DOWN TO US.—At the Yale Commencement, Mr. Perkins, of Vermont, ridiculed the aristocratic idea of those who anticipate heaven only as a glorified Fifth avenue. And this reminds us of a tender mother, who was endeavoring to convey to the inquiring mind of her little child an idea of heaven, and the necessity for being a good boy, in order to obtain admission there hereafter. She pictured to his imagination the happiness of the blest, and as an additional inducement for him to lead a correct life, said that he would be "like the angels, who have harps in their hands." "Mamma," responded the urchin, wistfully, gazing into his mother's eyes, "mamma, if it makes no difference to God, I'd rather have a jews-harp." The astonished parent rang the bell, and the nurse removed the polite little stripling to his crib.

---

DISEASE AMONG CATTLE.—A disease is said to be making fatal work among the cattle about Utica. A correspondent of the Observer says the disease is identical with the one which has, during the past year, carried off in Russia 30,000, Austria 26,442, Gallicia 12,000, and Moravia 9,000 head of cattle; these are the numbers officially reported. This disease is known as the "cattle plague," "rinder-pest," "bloody murrain," &c. It is universally admitted to be highly contagious, and may be carried by persons visiting the sick equally as well as by the diseased animal being brought within a short distance of the healthy.

---

ENORMOUS PRICE FOR TOBACCO.—The Lynchburg Virginian says that Mr. John H. Tyres sold a lot of tobacco at $325 per cwt. It was grown by Thomas J. Brown, Esq., of Yanceyville, N. C., and purchased by Messrs. Halsey & Booker for their celebrated "Fanny Glenn" brand.

---

The Santa Fe News says: We received by yesterday's mail from Taos intelligence of Mr. Otero's progress among his constituents thereaway, which indicates that his election is an absolute certainty. We have no room to say more this week.

ing. I now hasten to say I will feel myself much honored if the first message, as you proposed, sent across the Atlantic, be from Queen Victoria to the President of the United States—and I need not assure you he will endeavor to answer it in a spirit and manner becoming a great occasion. Yours, very respectfully, JAMES BUCHANAN.

---

GRAND SUMMARY OF RESULTS.

The first fact that presents itself, in considering the effects which must result from the success of the great submarine enterprise is the annihilation of both space and time between the Old and New World. One of the principal objections urged against its practicability was the difficulty in procuring a battery sufficiently strong to transmit a pulsation across the Atlantic through a simple conductor. It has, however, been proved that it not only could be done, but that a strong electric current could transmit a dot or character a distance of two thousand miles in half a second. The statement of a few facts will show the wonderful effect which will be produced by the successful laying of this cable. The London Exchange closes at three o'clock, and as the difference in time between that city and New York is four hours and forty-five minutes, we will receive the report of the price of consols at eleven o'clock in the morning, in time for our operators in Wall street. The movements in the London and New York money markets will therefore appear in the evening editions of the New York papers on the same day on which they may take place. The British Parliament may sometimes sit as late as one o'clock, and their sessions are occasionally prolonged till two in the morning, but the result of their deliberations will reach us about ten o'clock of the preceding evening, time enough to be published in the papers of the next day, simultaneously with the report in the London Times.

Then, again, our great mercantile firms can send their orders through it to different parts of Europe and countermand them with the same rapidity should they find it their interest to do so. It is hardly possible to calculate the effect of this stupendous undertaking, and when accomplished there cannot be a doubt of its success in a pecuniary point of view. When it is considered that it will be connected with the various land lines on both sides of the Atlantic, now extending thirty-eight thousand miles in Europe and thirty-three thousand in the United States, and soon to be connected with wires stretching to Africa, Asia and Australia, its immense value will be seen and its wonderful results fully appreciated. With the Atlantic line in operation we may safely predict that in five or ten years the daily occurrences in Asia, Europe, Africa and Australia will be published in the Herald with the same regularity that news from Washington and New Orleans now appears in our columns. Such is the opinion of ourselves and of those who predict that in a few years two submarine cables will be required instead of one to perform the business offered for transmission between the Old and New Worlds. *En avant.*

form, even if it be a partial revival of the slave trade under another name,) to grow sugar, and when one of the most interesting subjects of discussion in Manchester and Lowell is the mode of procuring an increased supply of cotton.

To the elucidation of the third problem Mr. Gerrit Smith could bring with advantage the light of his personal experience, as given in a late letter of his to a New York journal. He says that he has given tracts of land to about three thousand negroes, and that less than fifty of them continue to live upon and work the land. He admits, however, that the land was poor and the climate severe, (somewhere near Lake Champlain,) but says that the blacks must sustain their friends by manifesting greater industry and thrift! Truly, a hopeful and encouraging conclusion to stimulate the Cleveland Conventionists. G. P.

---

EXECUTION OF SUMNER.—James B. Sumner, alias James S. Boynton, a soldier in the United States Army, was hanged by Sheriff De Pew at Taos, on the 17th ult., in obedience to the sentence pronounced upon him by Judge Brocchus at the late special term of the Court. Sumner was convicted of murder in the first degree upon a young man named Stuart, a soldier in the same regiment. He was about 22 years of age. Upon the trial he exhibited the most incorrigible hardness of heart until the sentence was being pronounced upon him, when he burst into tears. He, however, soon recovered his rigidity of feeling, and sported with his doom as a child would a toy! He wrote a very affecting letter to his parents in New Hampshire, confessing his guilt and admitting the justness of his sentence. He had also a wife and child in that State, from whom he begged that the true story of his death might be forever concealed. He spoke of his approaching death in the most flippant and unconcerned manner, and exhibited a callousness and depravity rarely witnessed in one so young. We understand Rev. Mr. Stodda d, Chaplain at Fort Union, was unremitting in his vain endeavors to bring the mind of the dying man to a proper appreciation of his awful condition, accompanying him even to the last moment upon the scaffold.—[Santa Fe paper.

---

TALL CHINESE HEMP.—We have received from Mr. John Herr, of this county, a specimen of Chinese hemp grown on his farm. It is of very superior quality, and measures sixteen feet in hight. This new species is being rapidly introduced into Kentucky, and with much success.—[Louisville Journal.

---

The American Scientific Association has just concluded its annual session at Montreal, Canada. It will hold its next session at Baltimore. Among the papers read were four on the mode of preparing bank notes so as to guard against counterfeiting, by Professors Silliman, Eaton, Hunt and Horsford.

The claim of Dr. Winslow to the discovery of certain scientific principles in relation to the formation of continents was proven to be entirely unfounded.

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cm 0 1 2 3 4 5 6 7 8 9 10

also injured. A stable, containing four horses, in the rear of this dwelling was also damaged and two horses badly injured; one of them will probably die. The horses are owned by Herman Beckhimer. The front wall fell out into the street, and the rear wall against the north end of T. W. Oliver's rectifying establishment, burying up the engine and boiler of this house. The engineer had left the engine only a moment before. The entire loss by this accident will probably reach $20,000.—[Cin. Gaz.

---

LABLACHE AND TOM THUMB.—We recently heard a capital anecdote of Lablache, the eminent vocalist, recently deceased, which we relate for the amusement of our readeas. It happened that the great basso and Tom Thumb were once in the same hotel at Paris, when a paysan, who had heard of the great little man, came up from Epinal to Paris on purpose to get a sight of this *multum in parvo*. The exhibition was closed, and Tom was to quit Paris the next duy. The countryman must and would see him. "Where did he lodge?" "Hotel de Paris' Pays hurried to the hotel. M. Ponce—'First flight, left hand door." In a moment he found himself in the presence of P. T. Barnum, Esq. Poor simpleton! The fame of Mr. Barnum had not yet extended to Epinal. He told his story and urged his suit with such pertinacity that Barnum at length pretended to yield. "Mr. Thumb is not here at present. You will find him in the room overhead."

The countryman mounted the stairs, and rung at Lablache's door. "Pardon," said he, entering, "I was told that Mr. Thumb lived here." Lablache, who, it is well known, rejoiced in the most ample proportions, took the joke at once. "Come in, come in—I am Tom Thumb!" "What! what!" said the petrified provincial; "you, Mr. Tom Thumb! Why, I was told that Mr. Thumb was a little man—no bigger than my thumb!" "Yes, sir," replied the universal basso, "when I am in public I compress myself and am very small indeed, but when I am at home I put myself at my ease."

The countryman returned to Epinal, oppressed, probably, with an awful sense of the mighty knowledge and power of the people who had invented the electric telegraph and who could compress a giant into a pigmy.

---

UNFAIR.—The Detroit Free Press, speaking of the St. Louis Democrat, says: "Excepting of the New York Tribune, it has manufactured more outrages in Kansas than any other Black Republican paper." We stand up for the detence of our Chicago neighbors. The Free Press had no right to overlook their proficiency in the "outrage" business.—[Chicago Times.

my friend of the F. F. V's. tr
of the druggist, but was met
ous response, "I have brandy
it to men who make a practice
will not encourage drinking.
drink ought to quit it." After
tion my friend's full-moon fac
elongated, and he concluded
gloomiest and most inhospitabl
ever found himself in, though t
pre-eminent. I suggested that
little artifice, just in a pious w
Fairfield, the next station, we
company. *Strange water didn*
The appeal moved the benevol
my friend's "traveling compa
with the first quality. Sudden
beautiful country, where the
clever looking and everything
on my friend.

The stars blinked bonnilie,
made our solitary way over th
through woody vales.

East of Fairfield the crops
by the drouth, though there w
for home consumption. West
far as I have come, the produc
abundant. The luxuriant cor
head in its green glory, and th
joices over his granaries alrea
running over with sereals.

My thoughts now and then
the city, gasping for cool air.
the poetic breezes, but the ref
across the prairies, gathering
mown grass and the waving c
and we rejoice in their excell
are not in terrors of the skelet
doors are all thrown wide
winds, and with the soothing
et's song, relieved by the bass
which nightly sings from the
we softly sink into such sleep a
raveled sleeve of care." *Sat e*

P. S. We have a weekly
when this will reach you.

---

Hon. Elisha Allen, formerl
Congress from Maine, has be
Justice of the Supreme Court
Islands by the King, succeedin
deceased. Mr. Allen is a native
but has lived a number of year
Islands, and held important po
ment, the last being that of M

er General has just concluded a
r. S. B. MILES, of St. Joseph,
nsportation of a monthly mail
ice to Salt Lake City at the price
nnum, in stage coaches during the
an run, and on mules during the
. It is understood the service
ation by the 1st of October next,
urity has been given there is but
prompt delivery of the mails.
was the old contractor over the
ides in Utah, and to whom the
eral was anxious to award the
ad every confidence in his energy
perform the service well. His
s $100,000 per annum, and hence
nsidered in competition with one
ne-third of the amount. Mr.
g so low, evidently looked to a
nt in the route from the passage
S. Army, which is to be followed
d settlement.
y letters, I doubted the re-
Hon. F. P. STANTON was to
CUMMING as Superintendent
rs in the West. Yesterday
was signed by the President
HAVERTY of St. Louis, who has
n time immemorial—I ask his
happen to be a bachelor—in the
erintendent, and he is now pro-
d of the office as a just reward

ENDELL was to-day appointed
rtsmouth, N. H., vice MOSES,

PS is here, as some say, looking
for the Speakership. The con-
vill between Mr. P. and Colonel
l it is very uncertain which will
the question becomes sectional with the
Democracy, that is, if the "West" should unite
and claim the Speakership, Mr. PHELPS is al-
most certain of success, and surely no man in
Congress could carry to the Chair more ability
than Mr. PHELPS. He has frequently presided
in Committee of the Whole, where he eminently
succeeded in preserving order and dispatching
business with rapidity.

On the 17th inst., (Monday last,) the United
States Treasurer reports on deposit $22,664,457
46; amount subject to draft $20,007,359 51; re-
ceipts for the present week $1,542,184 12;
amount with Assistant Treasurer in St. Louis
$1,139,730 80. Transfers ordered from New
York to St. Louis $365,000. X.

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0 1 2 3 4 5 6 7 8 9 10 cm

The Postmaster
contract with Mr.
Mo., for the transp
from Independence
of $32,000 per annu
season coaches can
rest of the year. I
will go into operatio
and as ample securit
little doubt of a pr
Another bidder was
plains, who resides
Postmaster General
contract, as he had e
and capacity to per
bid, however, was $1
it could not be consid
of less than one-th
MILES, in bidding s
great improvement in
ver it of the U. S. A
by emigration and set
In one of my le
port that the Hon.
ceed Colonel CU
Indian Affairs i
commission was
r Mr. JOHN HAVE
en a clerk from tim
rdon should he happ
fice of the Superinte
oted to the head of t
modest merit.
HENRY L. WENDE
ty agent at Portsm
moved.
Hon. Mr. PHELPS is
ter his chances for the
st for Speaker will be
OR of S. C., and it is
in. If the question be

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win. If the question becomes sectional with the Democracy, that is, if the "West" should unite

7108

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C. revoluta Wr. 1830

8.

Sect. 0.5 × 0.3 mm
very sharp — facets in-
distinctly visible with a lens
— seeds globose — ann.
fol. linear i.b. revolute
obtuse; nec mucro.
stipules setaceous
infol. glands, minute
fleshy (?=) 4 angle
margins (& latin albo
stipules decurrent petioles
apex & blade
stipules acute acuminate
(see supra)

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153

43

E. florida ? n

Texas

5550-3

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42. Euphorb.

June 27 1875

Dr Smart Verde mesa, Arizona
Sept 21 1866

plant glabrous, roots
petals effuse.

Folia alterna
sessilia, plus minus
(1–2 mm long) obtusa
mucronata
basi acuta – petiolo
angulato.

Capitula subsolitaria
oblonga + pedunculata

cantharidi bracteata pedunculata
cymulosa, angulo elongato,
appendice magna ovata integra
2. infl. posteriorib⁹ subnullae
dentes intraglandulosae ~~obsoletae~~ subulat
triangulares subulati. oblongi fissae
stylo longo semper profunde bifido
ovario cylindrico

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Lüth & Curtis
DRUGGISTS
Corner Fifth & Market Streets
Saint Louis

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43 E. florida Wright 1848-29

Annua erecta pilosa
ramosissima — glabrata
foliis linearibus glabratis
basi connatis (1½–1⅞ lin.
1–1½ lat.) sessilibus subo-
vatis (v. oblongis apice
integris entire!) basi subaequ
adhaerentibus
pilosis linearibus
2–3 lin. —
petiolis — Achet. termin.
dense corymbosa formatis.
pedicellis pilosis basi
bracteatis.

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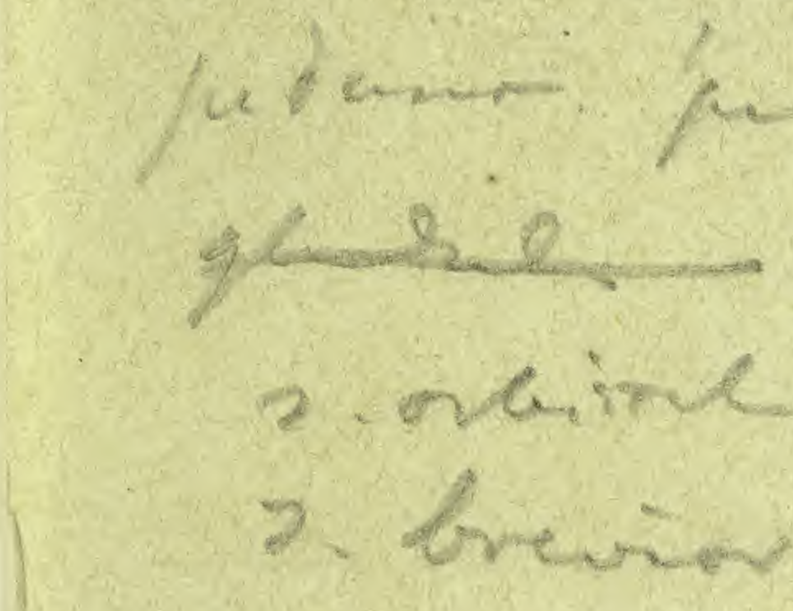
E. Florida
43. Schott, Schottin Nr. 11
Sonora
46



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Euph. flagelliformis

2/6 60

2
1

seed 0.9 – 1.0

Does this seed
look like 2
1
I find it in the same papers

It is a double seed of
E. floridana! mixed
with specimens of flagelliformis

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154

31.5

Euph. convolvuloides Hochst.
Hook.

Cordofan

5364

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D1 e

Convolvulus

0.7

0.8

N 242. Eph. convolvuloides Hochst. ined.
Cord. fan, Kotschy

annua? diffusa pubescens,
foliis e basi obliqua cordata ovato-
oblongis acutis sinuatis crenulatis
crenulatis ve, corollis
stipulis subulatis pubescentibus
Anthodii 5 foliolis lanceolatis
multiflorus bracteis spathulatis
plurimis stipatus congestis
involucrum obliquis, dorso fossis profde
glandulis bilabiatis, inappendiculatis
perianthiis, ratus undulatis;
pedicellis fructus ovatis glabris.
capsulaque ellipsoidea.
stylis exsertis, apice bifidis.
laciniis corollae parce ciliatis
staminibus majoribus exsertis 1.
subquadrangulatis, truncatis undulatis

7116

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Plat of the habit of P. Lorea!
Leaves rounded, 6 Cm long 2–3
broad — glaucous rounded
ovaries involucres rotate or close
on the ovaries & capsules,
male peduncles very much close but
plant itself smooth.
involucres one ½ to ¾ Cm long,
deeply thrice cut on back;
seeds square, large, 0.7 C. long

0 1 2 3 4 5 6 7 8 9 10
cm
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155

246

Aspl polyanemoides
Hochstd. in hb.

Kotschy No 302 Cordofan

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cm
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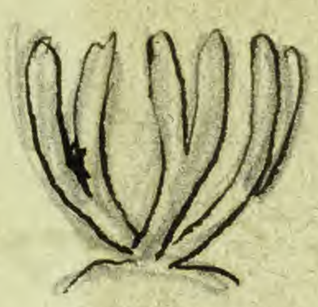
24.6. Polygonaceae



0.5 III

0.5

0.4 III

302 Aspherbia polygonoides Hochst. ÷ herb. ind.

Cordofan

Kotschy

Annua? (protrata ex). Diffusa, glaberrima caule nodoso, interdodiis alternatim foliis; (bicarinato) lanceolato falcatis, basi obliqua obtusis, apice acute vacuo apiculatis, integerrimis stipulis lanceolatis laciniatis, antherodiis (pseudospicatis) ÷ glomerulos laxiusculos superiorum conjunctis turbinatis; pauciflois, (pedicellis simplicibus impressis cyathi-formibus, (carinis glabris tuberculatis) superatis stylis fere altis modice exsertis

petalis, ovario glabrescente
ingrate acutis angulato
resinoso, angulis acutis, fructibus
vasive costatis nigris punctatis.

Leaves 2–4 cm long 1/2–1 l.
broad — ~~and~~ 5. woolen
0.4 l. long, glands not so
deeply cupshaped, nor compressed
as in other ~~species~~ species
from the Mediterranean, but
still approaching that shape.
Seeds 0.5 or 0.55 l. long
remarkably rugose as
costate or punctate.

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0 1 2 3 4 5 6 7 8 9 10
cm
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150 52

25

Euph. maculata Li

Am. bor.

556-7

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cm
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7119

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cm
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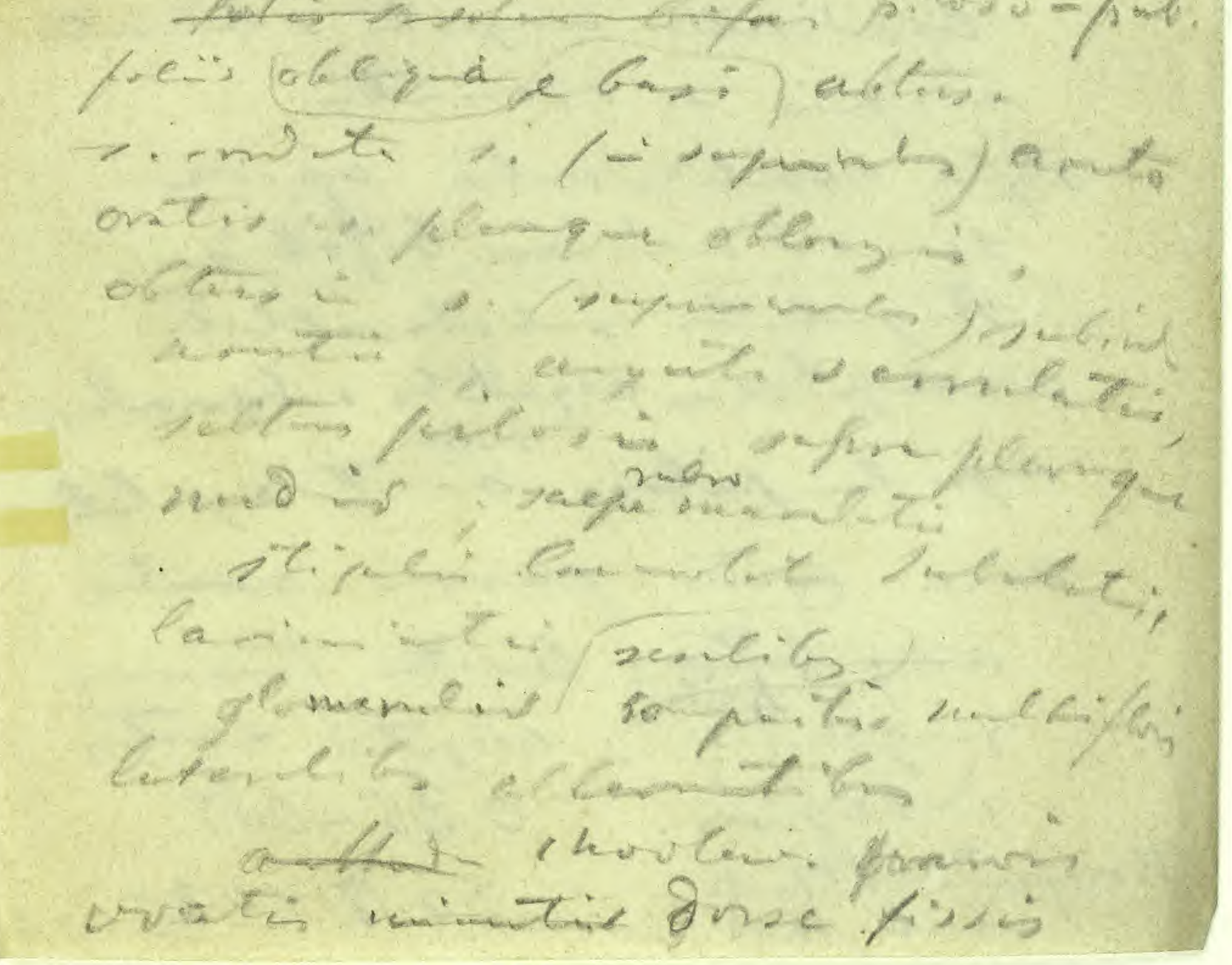
27 E. maculata

St Louis

25

Ohio

Westchester Pennsylv



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cm
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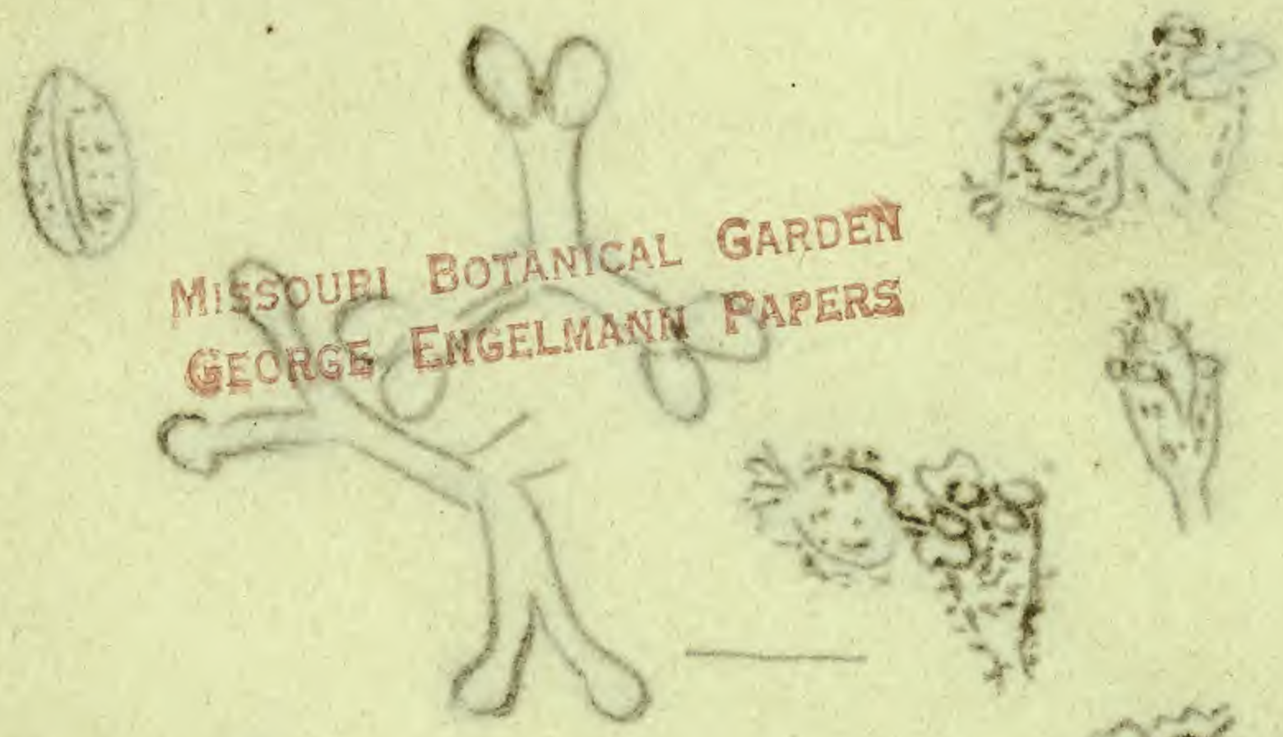

Ohio

Distribution

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cm
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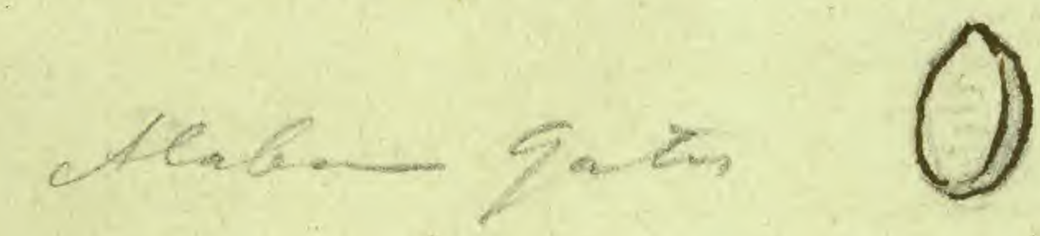
E. maculata.

27. P.



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cm
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cm
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